

**STATE OF MISSOURI
OA/INFORMATION TECHNOLOGY SERVICES DIVISION**

E-MAIL ENCRYPTION:

Instruction 3: How to Initiate an Encrypted Email using the Secure Reader URL

If a person who is a non-State employee/non-State email account (i.e. an Internet address such as hotmail.com,aol.com, embarqmail.com) needs to send an encrypted email to a State recipient, that person can use the following link to send an encrypted email off of Proofpoint:

<https://securemail.mo.gov/securereader/init.jsf?brand=fbab8553>

Step 1:

Open an Internet browser and go to the link:

<https://securemail.mo.gov/securereader/init.jsf?brand=fbab8553>

The sender will be prompted to enter their email address to proceed, as show in Figure 1 below. The sender should enter their email address and click "Continue".



Figure 1: A sender clicks on the URL to initiate an encrypted email to the State and is prompted to enter their email address.

Step 2:

The first time a sender initiates an encrypted message to the State using the Proofpoint email encryption system, they will be prompted to register in the Proofpoint email encryption system as shown in Figure 2a below. This is a one-time registration process. The sender is prompted to type in their first name, last name, create a password, confirm the password, and then select a password reset question and answer. The sender must complete this information to register in order to send an encrypted message. The sender should complete this information and select "Continue".

Note: The password below is a password the sender will create themselves. The password entered must be 7 to 20 characters long, with one number required. The sender should remember the password they enter on this screen because it will be needed for any subsequent encrypted messages they open.

**STATE OF MISSOURI
OA/INFORMATION TECHNOLOGY SERVICES DIVISION**

Instruction 3: How to Initiate an Encrypted Email using the Secure Reader URL
(continued)



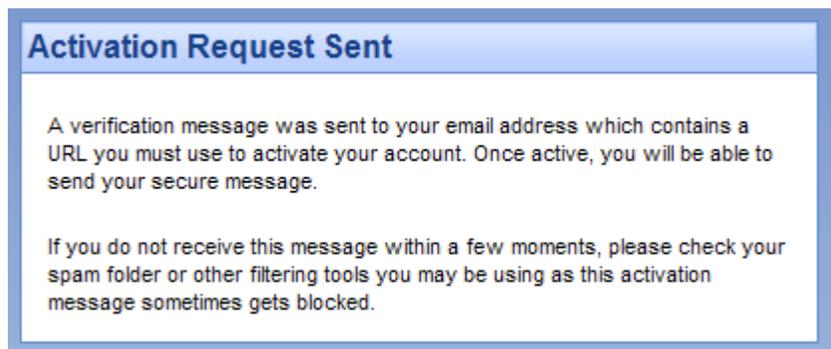
The screenshot shows a web browser window titled "Registration". At the top center is the Seal of the State of Missouri. Below the seal, the text reads "Create your account to read secure email." The form contains the following fields:

- Email Address: emailtest7@embarqmail.com
- First Name: Test
- Last Name: User
- Password: [Redacted]
- Confirm Password: [Redacted]
- Section: Password Reset
- Question: Your first real job (dropdown menu)
- Answer: Central Bank

At the bottom right of the form is a "Continue" button with a right-pointing arrow.

Figure 2a. Sender is prompted to register in the Proofpoint encryption system by entering their first name, last name, password, confirm password, and password reset question/answer.

After the sender has registered and selects "Continue", an "Activation Request Sent" notice, as shown in Figure 3 below, will appear on the screen informing the sender that an activation email has been sent to them. This email contains a URL that must be clicked to activate their Proofpoint email encryption account.



The screenshot shows a notification box with a blue header titled "Activation Request Sent". The text inside the box reads:

A verification message was sent to your email address which contains a URL you must use to activate your account. Once active, you will be able to send your secure message.

If you do not receive this message within a few moments, please check your spam folder or other filtering tools you may be using as this activation message sometimes gets blocked.

Figure 3: The sender will receive an Activation Request Sent notice on the screen

**STATE OF MISSOURI
OA/INFORMATION TECHNOLOGY SERVICES DIVISION**

**Instruction 3: How to Initiate an Encrypted Email using the Secure Reader URL
(continued)**

Step 3:

The sender must go into their email account (the email account that they are using to register with Proofpoint) and open the Proofpoint Encryption Registration email. The sender should click on the securemail.mo.gov URL within the registration message as shown in Figure 4.

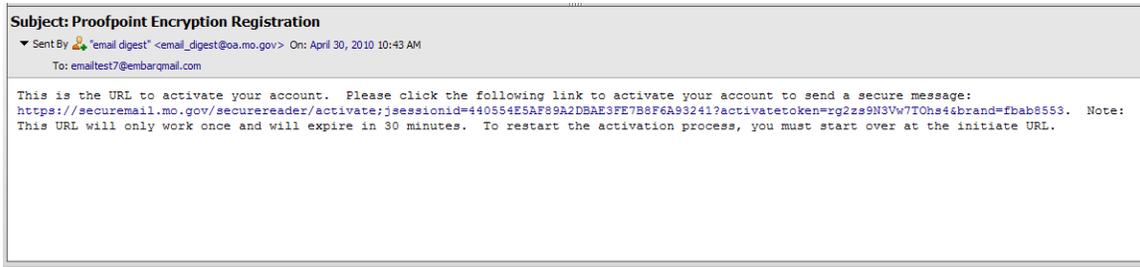


Figure 4: The sender will open the registration email and click on the securemail.mo.gov URL presented within the email.

Step 4:

The sender will receive an "Account Activated" message on the screen that says their account has been successfully activated as shown in Figure 5. The sender should click "continue".



Figure 5: Account Activated successfully message appears on the screen

Step 5:

A window will appear that will allow the sender to compose and send an encrypted message, as shown in Figure 6 below. The sender needs to complete the To field, the Subject field and type in the text of the message, then press "Send".



Figure 6: A window shows allowing the sender to compose an encrypted email message.

**STATE OF MISSOURI
OA/INFORMATION TECHNOLOGY SERVICES DIVISION**

**Instruction 3: How to Initiate an Encrypted Email using the Secure Reader URL
(continued)**

Step 6:

A message, as shown in Figure 7 below, will appear on the screen informing the sender that their message was successfully sent. The sender can either click “New Message” to compose another encrypted email, or click “Logout” to exit the window.



Figure 7: A message appears informing the sender that their message was successfully sent. The sender can click New Message or Logout.

Step 7:

When the recipient receives the message, they simply open the message. Please note that the message appears with a footer in the text that indicates it was sent encrypted, as shown in Figure 8 below.

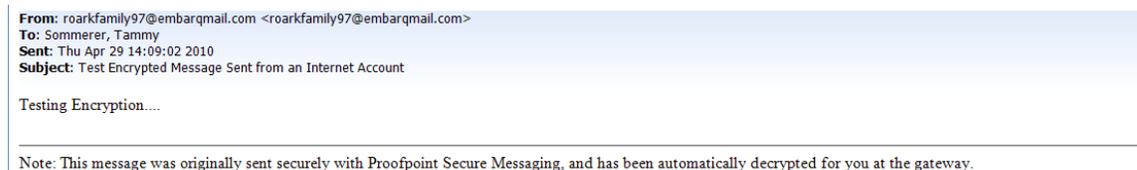


Figure 8: Example of the encrypted email message as received by the recipient. Note the footer that indicates the message was sent encrypted and was decrypted automatically at the gateway.

Step 8:

For any subsequent encrypted messages initiated by this same sender, the sender just needs to click on the URL, <https://securemail.mo.gov/securereader/init.jsf?brand=fbab8553>, and instead of receiving the initial registration screen as show in Step 2, the sender will simply be prompted to type in their password as show in Figure 9 below. The sender should type in their password and click “Continue”.

**STATE OF MISSOURI
OA/INFORMATION TECHNOLOGY SERVICES DIVISION**

Instruction 3: How to Initiate an Encrypted Email using the Secure Reader URL
(continued)

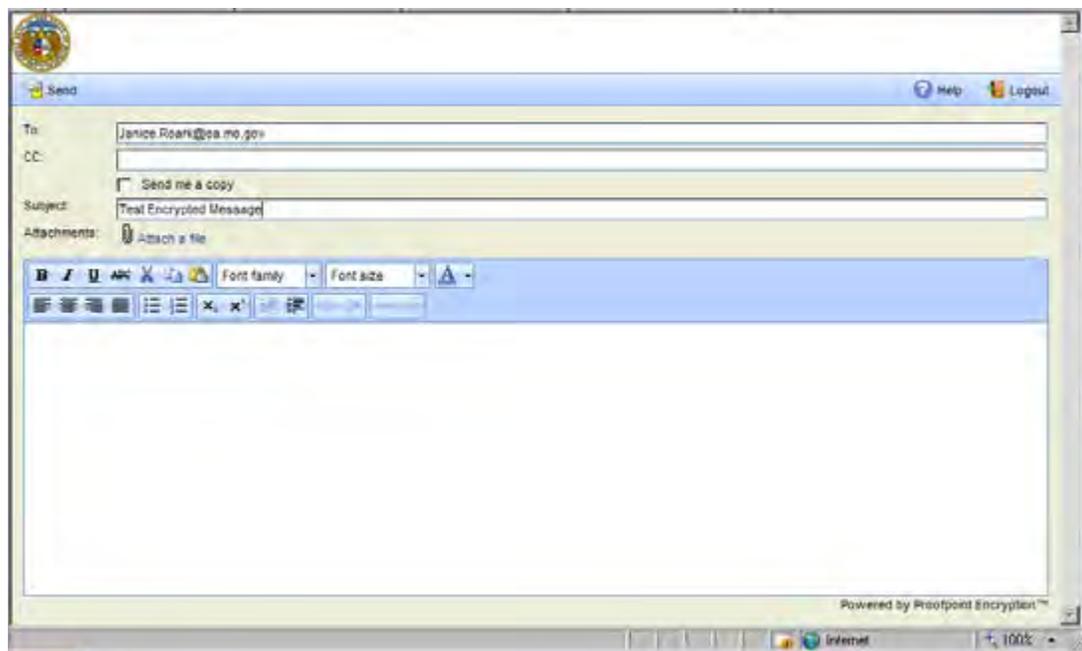


The screenshot shows a web browser window titled "Login". On the left is an image of a keychain with a gold key and a blue oval tag. On the right is the State of Missouri seal. Below the seal, the text reads "Log in to compose a secure message." followed by "Email Address: emailtest7@embarqmail.com" and "Password:" with a masked input field. At the bottom right are two buttons: "Forgot Password" with a key icon and "Continue" with a right-pointing arrow icon.

Figure 9: Sender types in their password to initiate a secure email.

Step 9:

A window will appear that will allow the sender to compose and send an encrypted message, as shown in Figure 10 below. The sender needs to complete the To: field, the Subject field and type in the text of the message, then press "Send".



The screenshot shows an email composition window. At the top left is the Missouri seal. The window has a "Send" button and "Help" and "Logout" links. The "To:" field contains "Janice.Roark@oa.mo.gov". The "CC:" field is empty. There is a checkbox for "Send me a copy" which is unchecked. The "Subject:" field contains "Test Encrypted Message". Below the subject field is an "Attachments:" section with an "Attach a file" button. A rich text editor toolbar is visible with options for bold, italic, underline, text color, background color, font family, and font size. The main body of the window is a large empty text area. At the bottom right, it says "Powered by Rootpoint Encryption™". The Windows taskbar at the bottom shows the "Internet" icon and a zoom level of "100%".

Figure 10: A window shows allowing the sender to compose an encrypted email message.